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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ML167

Clk4 kinase inhibitor
Catalog No. SIH-505



Discovery through partnership | Excellence through quality

Overview

Product Name

ML167

Description

Clk4 kinase inhibitor

Purity

>98% (HPLC)

CAS No.

1285702-20-6

Molecular Formula

C11H11NO1

Molecular Weight

335.4

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO 10 mg/ml, clear

Source

Synthetic

Appearance

Off-white to gray to brown

SMILES

CC1=CC=C(O1)CNC2=NC=NC3=C2C=C(C=C3)C4=CC=C(O4)CO

InChi

InChi=1S/C19H17N3O3/c1-12-3-8-18(24-12)22(2)19-15-9-13(4-6-16(15)20-11-21-19)17-7-5-14(10-23)25-17/h3-9,11,23H,10H2,1-2H3

InChIKey

STBPLRTXXJJXLR-UHFFFAOYSA-N

Safety Phrases

Classification:

Acute toxicity, Oral (Category 4), H302

Safety Phrases:

S22 - Do not breathe dust.

S24/25 - Avoid contact with skin and eyes.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

Hazard statements:

H302 Harmful if swallowed.

Precautionary statements:

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

P330 Rinse mouth.

P501 Dispose of contents/ container to an approved waste disposal plant.

Cite This Product

ml167 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-505)

Biological Description

Alternative Names

ml-167, 5-[4-[[[5-Methyl-2-furanyl)methyl]amino]-6-quinazoliny]-2-furanmethanol, CID 44968231, NCGC00188654

Research Areas

Cancer, Apoptosis, Cancer Growth Inhibitors, Cell Signaling, Tyrosine Kinase Inhibitors

PubChem ID

51347463

Scientific Background

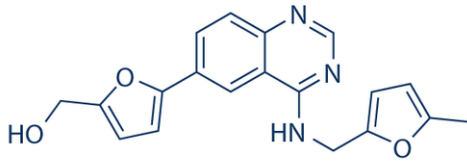
ml167 is a highly selective inhibitor of Cdc2-like kinase 4 (Clk4). The Cdc2-like kinases are involved in regulation of gene splicing.

References

1. Rosenthal A.S., et al. (2010). In Probe Reports from the NIH Molecular Libraries Program. Bethesda (MD): National Center for Biotechnology Information (US).

Product Images

Chemical structure of ML167 (SIH-505), a Clk4 kinase inhibitor. CAS #: 1285702-20-6.
Molecular Formula: C₁₉H₁₇N₃O₃. Molecular Weight: 335.4 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.